

## Contents

<b>1</b>	<b>Routine/Function Prologues</b>	<b>2</b>
1.1	Fortran: Module Interface radforcing_pluginMod.F90 (Source File: radforcing_pluginMod.F90) . . . . .	2
1.1.1	radforcing_plugin (Source File: radforcing_pluginMod.F90) . . . . .	2

# 1 Routine/Function Prologues

## 1.1 Fortran: Module Interface radforcing\_pluginMod.F90 (Source File: radforcing\_pluginMod.F90)

This module contains the definition of the functions used for incorporating a new observed radiation forcing scheme.

### REVISION HISTORY:

12 Dec 03     Sujay Kumar    Initial Specification

### INTERFACE:

```
module radforcing_pluginMod
```

---

#### 1.1.1 radforcing\_plugin (Source File: radforcing\_pluginMod.F90)

This is a custom-defined plugin point for introducing a new observed radiation forcing scheme. The interface mandates that the following routines be implemented and registered for each of the forcing scheme.

**retrieval of forcing data** Routines to retrieve forcing data and to interpolate them. (to be registered using registerget)

**definition of native domain** Routines to define the native domain as a kgds array (to be registered using registerdefnatrad)

**Temporal interpolation** Routines to temporally interpolate data (to be registered using registerrti)

Multiple forcing schemes can be included as well, each distinguished in the function table registry by the associated forcing index assigned in the card file.

### INTERFACE:

```
subroutine radforcing_plugin
```

#### USES:

```
use agrmetdomain_module
```

### CONTENTS:

```
call registerrget(1,getgrad)
call registerdefnatrad(1,defnatagrmet)
call registerrti(1,time_interp_agrmet)
```